Comparisons of Job Characteristics

Focus Occupation: Rolling Machine Setters, Operators, and Tenders, Metal and Plastic (51-4023)
Associated Occupation: Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders (51-6064)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge — Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Rolling Machine Setters, Operators, and Tenders, Metal and Plastic (51-4023)
Associated Occupation: Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders (51-6064)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Production and Processing	6.0	5.7	10.2	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills — Similarity of Focus Occupation to Associated Occupation: 97

Focus Occupation: Rolling Machine Setters, Operators, and Tenders, Metal and Plastic (51-4023)
Associated Occupation: Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders (51-6064)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	12.6	13.6	0	Current skill level may be sufficient
Operation and Control	5.4	11.6	13.0	>	Skill level is likely sufficient
Quality Control Analysis	5.9	10.0	12.2	>	Skill level is likely sufficient
Troubleshooting	4.5	7.4	9.1	>	Skill level is likely sufficient
Equipment Maintenance	3.5	7.3	8.8	>	Skill level is likely sufficient
Repairing	3.4	7.1	8.2	>	Skill level is likely sufficient
Equipment Selection	3.3	5.6	6.7	>	Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities — Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Rolling Machine Setters, Operators, and Tenders, Metal and Plastic (51-4023) Associated Occupation: Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders (51-6064)				
Associated Occupation's Key Abilities Elements	**Average Rating, All Occupations**	**Associated Occupation's Rating**	**Focus Occupation's Rating**	**Evaluation of Focus Occupation**
Arm-Hand Steadiness	6.8	13.0	11.0	**<** Some improvement in abilities may be required
Reaction Time	4.8	11.8	14.4	**>** Current ability level is likely sufficient
Finger Dexterity	7.6	11.0	10.1	**0** Current ability level may be sufficient
Visual Color Discrimination	6.4	10.5	7.4	**<<** Extensive improvement in abilities may be required
Rate Control	3.8	9.5	12.0	**>** Current ability level is likely sufficient
Hearing Sensitivity	5.6	9.0	8.5	**0** Current ability level may be sufficient
Gross Body Coordination	3.9	8.3	7.6	**0** Current ability level may be sufficient
Wrist-Finger Speed	3.2	7.9	7.2	**0** Current ability level may be sufficient
Speed of Limb Movement	3.2	6.8	8.2	**>** Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Rolling Machine Setters, Operators, and Tenders, Metal and Plastic (51-4023) Associated Occupation: Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders (51-6064)	
Work Activities	**Exclusivity of Activity**
Adjust production equipment/machinery setup	25
Examine products or work to verify conformance to specifications	15
Load or unload material or workpiece into machinery	34
Monitor production machinery/equipment operation to detect problems	27
Move or fit heavy objects	8
Perform safety inspections in manufacturing or industrial setting	33
Read work order, instructions, formulas, or processing charts	9
Set up production equipment or machinery	51
Understand technical operating, service or repair manuals	6
Use hand or power tools	2
Use precision measuring tools or equipment	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Rolling Machine Setters, Operators, and Tenders, Metal and Plastic (51-4023)
Associated Occupation: Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders (51-6064)

Tools and Technologies	Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.